

Crow Lane Landfill Update — December 6, 2013

This update is being provided by MassDEP concerning the closure activities that are currently underway at the Crow Lane Landfill.

Please send your questions, comments and suggestions to:

crowlane.information@massmail.state.ma.us.

Closure Activities, including Documentation, Third-Party Evaluation of the Landfill Gas System and Flare

New Ventures and its consultants, SITEC Environmental and Blue Granite, have continued work with a goal of completing the Landfill closure and filing closure certification paperwork with MassDEP.

Over the past week, New Ventures has had its consultants continue work to complete the closure of the Crow Lane Landfill, including continued work on the landfill gas system and flare.

1. Highland Power, Blue Granite and MassDEP were on site December 5, 2013 to continue the assessment of the flare's operation, to ensure that it will run reliably going forward. Activities which took place included, among other things:
 - The installation of a new pilot light assembly (e.g., igniter).
 - Re-installation of the cellular auto-dialer system. The purpose of the auto-dialer is for an automatic message to be sent if the flare shuts off.
 - The installation of a replacement thermocouple unit (which measures the flare's operational temperature) because it appeared that the existing thermocouple (which was installed recently) had failed.
 - The flare is set up to only shut down if the flare's temperature goes below 1400 degree F. While monitoring the operation of the flare yesterday, the flare shut down several times. Each time the flare shut down, the flare was operating well above the 1400 degree F temperature shut down set point. Therefore, it appears to be an electrical issue causing the sudden shut down of the flare. Based on this observation, the electrical relay switch associated with the landfill blower was replaced. The relay switch was replaced to eliminate the possibility of a faulty switch.
 - New Ventures, SITEC, Blue Granite and MassDEP, are continuing to monitor the Landfill and the flare's operation to determine if these repairs corrected the flare's operational reliability issues.
2. On December 3, 2013, SITEC was on site collecting confirmatory groundwater samples from the on-site wells, as required by MassDEP, to complete documentation required for the landfill closure.

3. It is anticipated that gas well field balancing will be scheduled in the coming weeks.
4. The Department and/or Shaw personnel will continue to monitor the landfill on a daily basis. MassDEP and/or Shaw personnel also plan to be onsite for the continued inspection and evaluation of the landfill gas system and flare by Blue Granite, SITEC and New Ventures.